

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-250/25085-50-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
25085-50-1  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
HEAT REACTIVE PHENOLIC RESIN

**Other REC Limits:**  
NONE SPECIFIED

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**  
2

## Control Measures

**Respiratory Protection:**  
USE NIOSH APPROVED ATMOSPHERE SUPPLYING OR AIR PURIFYING RESPIRATOR FOR ORGANIC VAPORS AS

REQUIRED TO MAINTAIN EXPOSURE LEVELS BELOW RECOMMENDED LIMITS.

**Ventilation:**  
LOCAL EXHAUST: REMOVE VAPORS DURING PROCESSING. MECHAN EXHAUST: EXPLOS-PROOF EQUIP. SPECIAL:

REDUCE VAPOR CONC BELOW TLV

**Protective Gloves:**  
PVA GLOVES.

**Eye Protection:**  
SAFETY GLASSES.

**Other Protective Equipment:**  
Equipment PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

**Work Hygienic Practices:**  
KEEP AREA CLEAN. CLEAN UP SPILLS IMMEDIATLEY. PRACTICE GOOD PERSONAL HYGIENE.

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE: NAUSEA/NARCOSIS. CHRONIC: NOT AVAILABLE AT PRESENT TIME. TARGET ORGANS: BASED ON ANIMAL DATA MAY CAUSE LIVER ABNORMALITIES, KIDNEY, LUNG, SPLEEN. IN HUMANS LIVER ABNORMALITIES. BASED ON ANIMAL DATA MAY CAUSE ANEMIA, LIVER ABNORMALITIES, KIDNEY, EYE DAMAGE. IN HUMANS--CARDIAC ABNORMALITIES.

**Explanation Of Carcinogenicity:**  
3 N/K

**Signs And Symptions Of Overexposure:**  
IRRITATION TO EYES AND MUCOUS MEMBRANES. CAN ALSO CAUSE SKIN DRYNESS. LIQUID INGESTION MAY RESULT IN VOMITING.

**Medical Cond Aggravated By Exposure:**  
RESPIRATORY AILMENTS.

**First Aid:**  
UTILIZE THE SUGGESTED METHODS BELOW. IN EMERGENCY SITUATIONS NOTIFY PHYSICIAN IMMEDIATELY. SKIN: WAS WITH SOAP AND WATER. GET MEDICAL ATTENTION. EYES: FLUSH EYES ABUNDENTLY WITH CLEAN WATER AND REFER TO PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING. REFER TO PHYSICIAN. EXCESSIVE INHALATION: REMOVE PATIENT TO FRESH AIR OR GIVE OXYGEN. USE CPR IF PATIENT IS NOT BREATHING. REFER TO PHYSICIAN.

**Spill Release Procedures:**  
FOR SPILL: CALL 1-800-OIL-TANK. ABSORB SPILL IN SAND, EARTH, VERMICULITE, OIL-DRI, OR SOL-SPEED-DRI. SHOVEL ABSORBED MATERIAL INTO STEEL CONTAINER AND COVER.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL CHEMICAL AND SOLVENT WASTE DISPOSAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN APPROVED SOLVENT STORAGE AREA, KEEP TIGHTLY CLOSED. KEEP AWAY FROM HEAT, OPEN FLAMES, SPARKS, HOT SURFACES AND OXIDIZING AGENTS.

**Other Precautions:**  
N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**  
TCC

**Flash Point:**

**Flash Point Text:**  
40.0F,4.4C

**Autoignition Temp:**

**Autoignition Temp Text:**  
947F

**Lower Limits:**  
1.0

**Upper Limits:**  
7.0

**Extinguishing Media:**  
CO2, FOAM, DRY CHEMICAL.

**Fire Fighting Procedures:**  
NIOSH/MSHA SCBA SHOULD BE WORN AS WELL AS PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL FIRE EXPOSED STRUCTURES AND DISPERSE VAPOR CLOUD IF FIRE IS NOT PRESENT.

**Unusual Fire/Explosion Hazard:**  
VAPOR IS HEAVIER THAN AIR AND TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND FLASHBACK. 4

## Physical/Chemical Properties

**HCC:**  
F2

**NRC/State LIC No:**  
N/K

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
231F,111C

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/K

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
25

**Vapor Density:**  
3.2

**Volatile Org Content %:**

**Spec Gravity:**  
1.05

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/K

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
N/K

**Appearance and Odor:**  
GREY. CHARACTERISTIC SOLVENT ODOR.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
AVOID HEAT, OPEN FLAMES, SPARKS, HOT SURFACES, AND OXIDIZING AGENTS.

**Materials To Avoid:**  
N/K 5

**Hazardous Decomposition Products:**  
OXIDES OF CARBON. HYDROGEN CHLORIDE.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P

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WARRANTY  
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